

IN THE SPECIFICATION

(A) Please replace the paragraph beginning on page 4, line 4 and ending on page 5, line 5, with the following paragraph:

Namely, the present invention provides the following:

(1) an insect cell primary culture medium comprising lactalbumin hydrolysate, yeastolate, and tryptose phosphate broth as protein extracts, and polyvinylpyrrolidone as a viscosity-supplementing agent;

(2) an insect cell primary culture medium (1) comprising 1000-3000 mg/L of lactalbumin hydrolysate, 1000-3000 mg/L of yeastolate, 1000-3000 mg/L of tryptose phosphate broth, and 200-500 mg/L of polyvinylpyrrolidone;

(3) an insect cell primary culture medium (1) or (2), wherein the polyvinylpyrrolidone is polyvinylpyrrolidone K-90;

(4) an insect-derived, water-soluble chitin that has been subjected to deacetylation as the sole chemical modification;

(5) an insect-derived, water-soluble chitin (4), wherein the chitin has been derived from silkworm;

(6) an insect-derived, water-soluble chitin (5), wherein the chitin has been derived from silkworm pupa exuvia;

(7) an extracellular matrix comprising any one of the insect-derived, water-soluble chitin (4) to (6);

(8) an extracellular matrix solution for coating a culture vessel, comprising 0.001 % to 1 % of any one of the insect-derived, water-soluble chitin (4) to (6);

(9) an insect cell culture vessel coated with any one of the insect-derived, water-soluble chitin (4) to (6);

(10) a process of manufacturing the insect-derived, water-soluble chitin (6), which comprises extracting chitin from a silkworm ~~paparium~~ pupa exuvia and deacetylating the chitin;

(11) a process of preparing an insect culture cell line in a short period of time, which uses any one of the insect primary culture cells (1) to (3), and any one of the insect-derived water-soluble chitin (4) to (6); and

(12) a process of preparing an insect culture cell line in a short period of time according to (11), wherein a vessel coated with any one of the insect-derived water-soluble chitin (4) to (6) is used, and an insect cell is cultured on any one of the insect primary culture media (1) to (3).

(B) Please replace the paragraph beginning on page 6, line 23 and ending on page 7, line 21, with the following paragraph:

The mixed composition of inorganic salts, sugar composition, mixed composition of amino acids, and mixed composition of vitamins that are added may be ones that can generally be added in an animal cell medium. The mixed composition of inorganic salts may contain NaH_2PO_4 , NaHCO_3 , KCl , CaCl_2 , CuCl_2 , ~~CoCl_2~~ CoCl_2 , FeSO_4 , MgCl_2 , MgSO_4 , MnCl_2 , NaCl , NaH_2PO_4 , $(\text{NH}_4)_6(\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O})$, and ZnCl_2 . The sugar composition may contain glucose, fructose, sucrose, malic acid, α -ketoglutaric acid, succinic acid, fumaric acid, and maltose. The mixed composition of amino acids may contain α -alanine, β -alanine, arginine, asparagine, aspartic acid, cysteine, glutamic acid, glutamine, glycine, histidine, isoleucine, leucine, hydroxyproline, lysine, methionine, phenylalanine, proline, serine, threonine, tryptophan, tyrosine, and valine. The mixed composition of vitamins may contain biotin, D-calcium pantothenate, choline chloride, folic acid, i-inositol, nicotinic acid, pyridoxine, riboflavin, thiamin, vitamin B_{12} , para-aminobenzoic acid. Preferably, the mixed

composition of inorganic salts, sugar composition, mixed composition of amino acids, and mixed composition of vitamins should contain all of the above substances. They may, however, lack some of the above substances, or be added with other substances. They may all be commercially available ones. There may also be used a commercially available inorganic salt composition, sugar composition, mixed composition of amino acids, and vitamin composition for addition into media. Alternatively, the above-mentioned protein extracts and viscosity-supplementing agent may be added to a known medium containing inorganic salts, sugars, amino acids and vitamins as principal constituents. In this case, examples of the known medium include known insect cell culture media such as Grace's medium and Schneider's Drosophila medium. Further, antibiotics such as penicillin and streptomycin, and glutathione may be added to the medium. In other words, the medium according to the present invention includes all the media that contain at least lactalbumin hydrolysate, yeastolate, tryptose phosphate broth and polyvinylpyrrolidone.

(C) Please replace the section on page 16, line 3 to page 16, line 15, with the following:

Composition of mineral salt mixtures

$\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$	507
NaHCO_3	300
KCl	1720
$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	750
$\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$	0.1
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$ <u>$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$</u>	0.03
$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	0.28
$\text{MgCl}_2 \cdot 4\text{H}_2\text{O}$	1140
$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	3269

$\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$	0.01
NaCl	1425
$\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$	580
$(\text{NH}_4)_6(\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O})$	0.02
ZnCl_2	0.02